



DRAFT

COE Windows Client Support

February 2002 CEWG

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February 20, 2002



Purpose

- **Provide plans for Windows COE platform**



Objectives

- **Meet the warfighters' functional requirements**
- **Maximize the use of commercial technologies in order to reduce the amount of GOTS code in the COE**
- **Leverage the Services' investment in native operating system tools and processes**
- **Leverage the development community's investment in commercial tools and products**
- **Simplify the COE development and compliance evaluation processes**



Short Term - 4x

- **Adoption of Microsoft Software Installation (MSI) technology as segmentation format**
- **Use of Windows Installer to manage segment installation, uninstall, and administration per guidance in I&RTS 4.2 (COE'ized MSI).**
- **Develop I&RTS 4.3, containing more detailed MSI segmentation guidance**
- **Maintain 4x Kernel, stop extending COE Installer functionality**



Short Term - 4x (2)

- **Present to AOG plan for 5x kernel design**



Long Term – 5x

- **Goal – Migrate to a standardized segmentation process that functionally meets the same requirements for Windows, UNIX, and Linux segments, but may have different implementations based on the best practices from commercial technology from each platform**



Long Term – 5x (2)

- **Collect and refine kernel and common infrastructure component requirements**
- **Redesign kernel and common infrastructure components to maximize use of native OS functionality**
- **Move COE management components to common infrastructure layer (APM/CDS)**
- **Retire Windows platform COE Installer**





5x COE Windows Client Kernel

- I&RTS Partition Requirement
 - Operating system
 - Mission-applications
 - Data
- Military Time
- DISA Splash screen
- DoD Legal screen
- Baseline Security configuration
- C2 Security configuration
- Security Administration
- Low Light display schemas
- Security level registry entry